**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method for producing calcium fluoride, said method comprising:

reacting a fluoride-containing effluent that has a pH 3 or higher together with an aqueous calcium chloride solution in a reactor under acidic condition with hydrochloric acid to deposit calcium fluoride particles, wherein the acidic condition is pH 2 or lower;

~~reacting a fluoride-containing effluent that has a pH 3 or higher with an aqueous calcium chloride solution in a reactor, wherein the reaction is maintained at pH 1.5 or lower with hydrochloric acid to deposit calcium fluoride particles;~~

wherein the calcium fluoride particles have a purity of 98% or higher, and wherein an average particle size of the calcium fluoride particles is between 5 to 300 μm;

then recovering said particles,

wherein the step of reacting is performed at room temperature or at a temperature between 30 to 90 °C ~~and provides a produced or residual quantity of hydrochloric acid~~, and wherein the hydrochloric acid is produced by the reacting step or is supplied externally;

reacting the produced or residual quantity of hydrochloric acid with a calcium compound to produce an aqueous calcium chloride-containing liquid; and

reusing the aqueous calcium chloride-containing liquid in the aqueous calcium chloride solution in the step of reacting the fluoride-containing effluent.

2. (canceled)

3. (currently amended) The method according to claim 1, wherein the fluoride-containing effluent and/or the aqueous calcium chloride-containing liquid ~~solution~~ contain

hydrochloric acid, or an aqueous hydrochloric acid solution is separately introduced continuously or intermittently into the reaction system.

4. (canceled)

5. (canceled)

6. (canceled)

7. (currently amended) A method for producing calcium fluoride, said method comprising:

reacting an ~~at least~~ 2.2% to 17.2% hydrofluoric acid-containing effluent with an aqueous calcium chloride solution in a reactor under acidic condition with hydrochloric acid to deposit calcium fluoride particles, wherein the acidic condition is pH 2 or lower~~, wherein the reaction is maintained at pH 1.5 or lower with hydrochloric acid, to deposit calcium fluoride particles~~;

wherein the calcium fluoride particles have a purity of 98% or higher, and wherein an average particle size of the calcium fluoride particles is between 5 to 300 μm;

and then recovering said particles;

wherein the step of reacting is performed at room temperature or at a temperature between 30 to 90 °C~~ and provides a produced or residual quantity of hydrochloric acid~~, wherein the hydrochloric acid is produced by the reacting step or is supplied externally;

reacting the produced or residual quantity of hydrochloric acid with a calcium compound to produce an aqueous calcium chloride-containing liquid; and

reusing the aqueous calcium chloride-containing liquid in the aqueous calcium chloride solution in the step of reacting the fluoride-containing effluent.

8. (canceled)

9. (currently amended) The method according to claim 7, wherein the hydrofluoric acid-containing effluent and/or the aqueous calcium chloride-containing liquid ~~solution~~ contain hydrochloric acid, or an aqueous hydrochloric acid solution is separately introduced continuously or intermittently into the reaction system.

10-12. (canceled)

13. (previously presented) A method for recycling calcium fluoride, characterized in that the calcium fluoride recovered by the method according to claim 1 or 7 is supplied as a raw material for producing hydrogen fluoride.